
Product Data Sheet

Product Name: TNFRSF25 Human
 Cat. No.: GP21016
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.

Synonyms
 Tumor necrosis factor receptor superfamily member 25; TNFRSF25; TNF Ligand Receptor Superfamily Member 25; APO-3; DDR3; DR3; LARD; TNFRSF12; TR3; TRAMP; WSL-1; WSL-LR; Apo-3; Apoptosis-inducing receptor AIR; Protein WSL; Apoptosis-mediating receptor DR3; Apoptosis-mediating receptor TRAMP; Death receptor 3; Lymphocyte-associated receptor of death.

Amino Acid Sequence
 ADPQGGTRSP RCD CAGDFHK KIGLFCCRG C PAGHYLKAPC TEPCGNSTCL
 VCPQDTFLAW ENHHNSECAR CQACDEQASQ VALENC SAVA DTRCGCKPGW
 FVECQVSQCV SSSPFYCQPC LDCGALHRHT RLLCSRRDTD CGTCLPGFYE
 HGDGCVSCPT STLGSCPERC AAVCGWRQLE PKSCDKTHTC PPCPAPELLG
 GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN
 AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI
 SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ
 PENNYKTTTP VLDS DGSFFL YSKLTVDKSR WQQGNV FSCS VMHEALHNHY
 TQKSLSLSPG KHHHHHH.

Formulation
 TNFRSF25 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Introduction

TNFRSF25 (TNF Ligand Receptor Superfamily Member 25) belongs to the TNF receptorsuperfamily that binds to the TNF-like protein TL1A. TNFRSF25 interactsdirectly with the adapter TRADD and regulates lymphocyte homeostasis. TNFRSF25is also mediates activation of NF-kappa-B and induces apoptosis. TNFRSF25signals are vital to exert T helper cell 2 effector activity in Th2-polarizedCD4 cells and co-stimulate interleukin-13 production byglycosphingolipid-activated NKT cells.

Caution: Product has not been fully validated for medical applications. For research use only.

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Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

TNFRSF25 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 417 amino acids (25-199) and having a molecular mass of 46.1kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). TNFRSF25 is fused to a 242 amino acid IgG His-Tag at C-terminus and purified by proprietary chromatographic techniques.

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